

## **ACRONYMS AND ABBREVIATIONS**

ACC	air-cooled condenser
ADT	average daily traffic
af/yr	acre-feet per year
ASILS	Acceptable Source Impact Levels
ASME	American Society of Mechanical Engineers
AST	aboveground storage tank
BACT	Best Available Control Technology
BCAA	Benton Clean Air Authority
BCC	Benton County Code
BCEM	Benton County Emergency Management
BCES	Benton County Emergency Services
Benton PUD	Benton Public Utility District
bgs	below ground surface
BMPs	best management practices
BPA	Bonneville Power Administration
REA	Benton Rural Electric Association
Btu	British thermal units
CEM	continuous emission monitoring
CEMS	continuous emission monitoring system
cfs	cubic feet per second
CO	carbon monoxide
CO <sub>2</sub>	carbon dioxide
CSZ	Cascadia Subduction Zone
CT	combustion turbine
CTG	combustion turbine generator
dB	decibel
dBA	A-weighted decibels
dBc	C-weighted decibels
DC	direct current
DCS	distributed control system
DOT	U.S. Department of Transportation

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DPS	Distinct Population Segment
Ecology	Washington State Department of Ecology
EDNA	Environmental Designation for Noise Abatement
EMF	electromagnetic field
EPA	U.S. Environmental Protection Agency
ESA	Endangered Species Act
ESU	Evolutionary Significant Unit
FCRTS	Federal Columbia River Transmission System
FERC	Federal Energy Regulatory Commission
FLM	Federal Land Manager
GMAAD	Growth Management Act Agricultural District
gpm	gallons per minute
HDPE	high-density polyethylene
hp	horsepower
HRS	heat recovery steam generator
HZ	hertz
KSD	Kennewick School District
kV	kilovolt
kWh	kilowatt-hour
L90	sound level exceeded 90 percent of the time
Ldn	day-night sound level
Leq	equivalent sound level
Lmax	maximum sound level
LHV	lower heating value
LNG	liquid natural gas
µmhos/cm	micromhos per centimeter
mg/L	milligrams per liter
MMBtu	million Btu
mmh/cm	millimhos per centimeter
mph	miles per hour
MW	megawatt
MWh	megawatt hours

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NAAQS	National Ambient Air Quality Standards
NEPA	National Environmental Policy Act
NMFS	National Marine Fisheries Service
NOAA	National Oceanic and Atmospheric Administration
NOC	Notice of Construction
NO <sub>2</sub>	nitrous oxide
NO <sub>x</sub>	nitrogen oxide
NPDES	National Pollution Discharge Elimination System
NRCS	Natural Resources Conservation Service
NWPPC	Northwest Power Planning Council
O <sub>2</sub>	oxygen
ONHP	Oregon Natural Heritage Program
OSHA	Occupational Safety and Health Administration
PAH	polyaromatic hydrocarbons
PGF	Plymouth Generating Facility
PM	particulate matter
ppm	parts per million
PSD	Prevention of Significant Deterioration
psia	pounds per square inch absolute
psig	pounds per square inch gauge
PUD	Public Utility District
PWD	Plymouth Water District
RPM	revolutions per minute
RV	recreational vehicle
SCR	Selective Catalytic Reduction
SE-COMM	Southeast Communications Center
SEPA	State Environmental Policy Act
SILs	Significant Impact Levels
SLM	sound level measurement
SMA	Shoreline Management Act
SO <sub>2</sub>	sulfur dioxide
SPER	Spill Prevention and Emergency Response
ST	steam turbine

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SWDM	Surface Water Design Manual
SWPPP	Stormwater Pollution Prevention Plan
tcf	trillion cubic feet
TDS	total dissolved solids
Tg	teragrams
U.S. EPA	U.S. Environmental Protection Agency
UGA	Urban Growth Area
UPS	uninterruptible power supplies
USD	Umatilla School District
USDA	U.S. Department of Agriculture
USFWS	U.S. Fish and Wildlife Service
USGS	U.S. Geological Survey
VOCs	volatile organic compounds
WAAQS	Washington Ambient Air Quality Standards
WDFW	Washington Department of Fish and Wildlife
WDNR	Washington Department of Natural Resources
WRIA	Water Resource Inventory Area
WSCC	Western Systems Coordinating Council
WSDOT	Washington State Department of Transportation
WSP	Washington State Patrol